

**Amendments to the Specification:**

Please amend the specification as follows:

Page 4, line 15, please replace the paragraph as follows:

Other features and advantages of the invention will become apparent upon examination of the following detailed description together with the attached drawings in which :

- Figure 1 is a flow diagram illustrating a code creation method,
- Figure 2 is a diagram giving an overview of the encoding method in its principal variant,
- Figure 2A illustrates a simplified example of a multiplexed code, with four elements,
- Figure 2B illustrates a variant of the code constructed in Figure 2A,
- Figure 3 illustrates a first embodiment of a detailed encoding method,
- Figure 4 illustrates an alternative embodiment of the method in Figure 3,
- Figure 5 illustrates an example of the creation of a storage capacity by assigning several code words to a symbol, a data flow  $q$  being capable of being jointly stored, and
- Figure 6 or Table C illustrates transformations used in an example where the parameter  $f_v$  is equal to 5,
- Figure 7 illustrates another simplified example of a four-element multiplexed code,
- Figure 8 illustrates a general encoding method for Figures 3 and 4,
- Figure 9 illustrates a second embodiment of a detailed encoding method,
- Figure 10 illustrates a results table of a first variant of the second embodiment of the encoding method according to Figure 9,